



internal & external DVD-RAM burners



One Drive. All Formats.

Getting confused with the various CD/DVD formats out there? With the latest burner from Imation, you can cast your concerns aside. The Imation drive supports all popular formats in the industry: DVD±R Double Layer, DVD±R/RW, DVD-RAM, and of course all your CD standards, and at the current fastest possible writing speeds.

Ideal for storing important personal and business data, from home movies, music, photographs to backups of important files, applications, presentations and reports. Each burner kit comes complete with a drive, software and instruction manuals to get you started on your digital masterpieces.

- Create, preserve, protect your important data and precious moments
- Store up to 8.5GB on a DVD DL disc and/or 4.7GB on a DVD media
- Superb performance, reliable and speedy
- Compatible with major DVD and CD formats
- Easy to use software
- 1-year warranty

SPECIAL Features

- **SMART-BURN™**: Avoid Buffer Under Run Error. Automatically adjust writing strategy and running OPC to provide the best burning quality
- **SMART-X™**: Adjust CD-DA/VCD/DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality
- **VAS (Vibration Absorber System)**: Reduce vibration and noise during recording and reading

16x+R

8x+RW

8x+R DL

5x-RAM

16x-R

6x-RW

4x-R DL

50+ YEARS
OF STORAGE INNOVATION »

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Product Specifications*

- Model: IMW16DL84RAMI (Internal)
IMW16DL84RAME (External)
- Interface: E-IDE Interface
- Access Time (1/3 Stroke): 160msec (Typical)
- DVD Mode Transfer Rate
 - Write: DVD+R 16x (22.0MB/sec max)
 - DVD+R DL 8x (11.0MB/sec max)
 - DVD-R 16x (22.0MB/sec max)
 - DVD-R DL 4x (5.5MB/sec max)
 - DVD-RAM 5x (6.9MB/sec max)
 - Rewrite: DVD+RW 8x (11.0MB/sec max)
 - DVD-RW 6x (8.3MB/sec max)
 - Read: DVD+R/-R 16x (22.0MB/sec max)
 - DVD+R/-R DL 8x (11.0MB/sec max)
 - DVD+RW/-RW 12x (16.6MB/sec max)
 - DVD-ROM 16x (22.0MB/sec max, Single-Layer)
 - 8x (11.0MB/sec max, Double-Layer)
 - DVD-RAM 5x (6.9MB/sec max)
- CD-RW Mode Transfer Rate
 - Write: 48x (7.0MB/sec max)
 - Rewrite: 24x (3.5MB/sec max)
 - Read: 48x (7.0MB/sec max)
- Applicable Media Types (8cm/12cm Diameter)
 - CD-ROM, CDI-Ready, Video-CD, Karaoke-CD, Photo-CD, Enhance CD, CD-Extra, CD-R and CD-RW
 - DVD-RAM, DVD-ROM (4.7GB) Single Layer on Single/Double-Side and DVD-ROM Dual-Layer (PTP, OTP, 8.5GB) on Single/Double-Side
 - DVD+R DL, DVD+RW and DVD+R
 - DVD-R DL, DVD-RW and DVD-R
- Buffer Size: 2MB
- Disc Load/Eject: Power-Assisted Eject Button, Software, Pin-Hole Eject
- Dimensions (width, depth, height):
148 x 170 x 42mm +/- 0.5mm (Internal)
165 x 235 x 58mm +/- 0.5mm (External)
- Weight: ~0.9kg (Internal), ~1.3kg (External)
- Mounting: Horizontal within +/- 10° tilt
- VAS: Anti-vibration Reduction System reduces Read/Write error high speed
- SMART-XTM: Smart Monitoring and Adapting Recording Technology for CD-DA/VCD/DVD conversion
- SMART-BURN™: Smart Monitoring and Adapting Recording Technology for buffer under-run protection against error during recording

System Requirements*

- Pentium-4 1.3GHz, AMD Athlon 1.2GHz or Higher PC (under-performed PC may compromised functions)
- Windows® 98SE/ME/2000/XP (with latest updates)
- Memory: 256MB RAM or higher
- Hard Drive: 650MB available for s/w; 5GB free or higher HDD space for creating single-sided DVD image file. 9GB for creating single-sided, double/dual-layer 8.5GB DVD image file
- Recommendation: Use Imation or certified CD/DVD media to ensure recording quality

What's Inside (Internal DVD-RAM Burner)

- Internal DVD-RAM Burner
- 40-pins IDE cable
- Nero CD
- Operating Manual (Nero Software Guide is found in the Nero CD)

What's Inside (External DVD-RAM Burner)

- External DVD-RAM Burner
- USB2.0 cable
- Power Adapter
- USB Device Driver Diskette (for Win 98SE)
- Nero CD
- PowerDVD CD
- Quick Setup Guide
- Operating Manual (Nero Software Guide is found in the Nero CD)



Create DVD-based or CD-based presentations, plus quickly back up and retrieve system files in minutes.



Store and download large internet files and free up valuable hard drive space on your computer.



Easily burn your own custom music CDs, record home videos to durable CD-R discs, or use CD-RW discs to create personal photo CD albums. Plays pre-recorded DVD discs, including movies and other DVDs.



* For both internal & external DVD-RAM burners, unless otherwise stated.

